CONNECTED TEAMS

Systems of Care that SCALE





WHAT IS PULSARA?

During the most critical moments in life, Pulsara *unites* distributed teams and fragmented technologies as dynamic events evolve on a scalable communications and logistics platform, improving the lives of people in need and those who serve them.

IT'S ABOUT PEOPLE

Logistics

Oxford

the process of planning and organizing to make sure that resources are in the places where they are needed, so that an activity or process happens effectively

Systems of Care that SCALE

Using the same system daily that can scale easily for local, regional, or national emergencies.







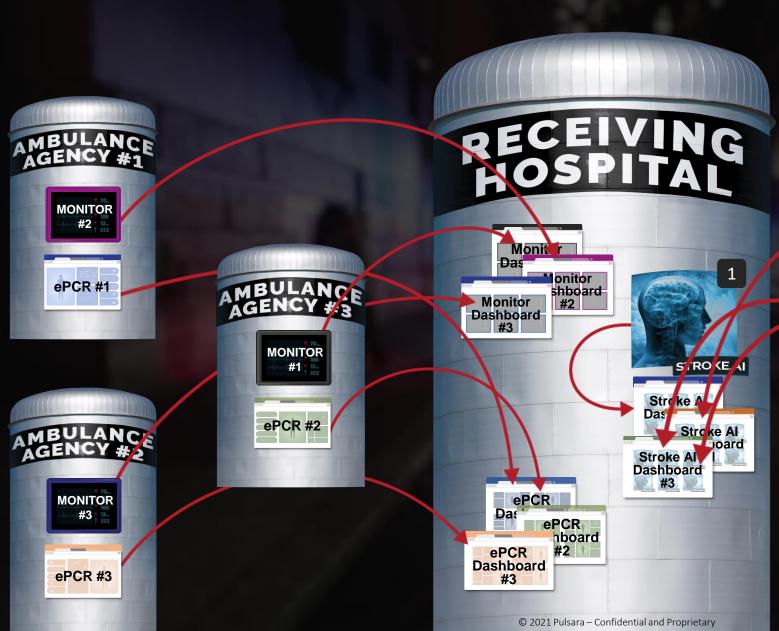
Traditional Patient Journey



Each Red Arrow Represents a Separate Communication Channel

COMMUNICATION CHANNELS: Numerous

Data Channels









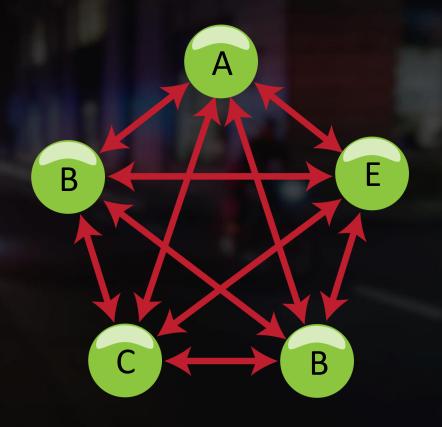
Multiple Linear Channels vs Single All Channel

1:1 1:Few



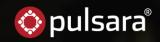


Many: Many



Strength = Weakest Link

Strength > Sum of Parts



Pulsara Patient Journey

Teleconsult

Instead of this....



PATIENT JOURNEY







- Create Channel
- Communicate & Track





Data OUT



ONE UNITED CARE TEAM

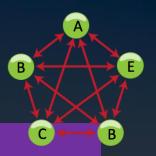
PATIENT JOURNEY



What are the Supported Platforms & Devices?



Networked Communication



SYNCHRONOUS





Live Audio

ASYNCHRONOUS



Audio Clips



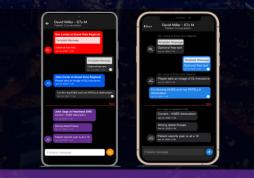
GPS



DATA



Images



Team Messaging



Documentation

INTEGRATIONS

System of Care that SCALES

ALL TEAM COMMUNICATIONS ON ONE PLATFORM





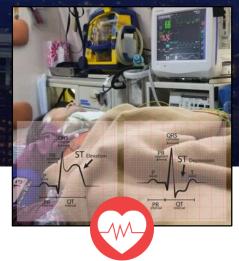
Burn Team

Cardiac Arrest



ECMO/ROSC Team

STEMI



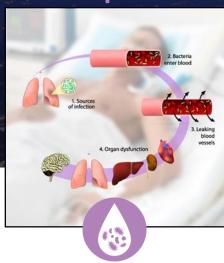
Shock Teams

Stroke



LVO Thrombectomy
Neurosurgery

Sepsis



Shock Workflows

Any Patient, Any Time, from Anywhere

Pulsara is the Accepted Evidence-Based Standard of Care

pulsara*



COMPATIBLE VENDOR

50% Decrease in False STEMI Activations

15% Reduction in Door to Balloon Time within 1s

25% Average Reduction in Door to Balloon Time <

24% Improvement in Door to Balloon Time <60 N

22% Average Reduction in Door to Balloon Time

58% Improvement in Door to Balloon After Houl

30% Average Reduction in First Medical Contact t

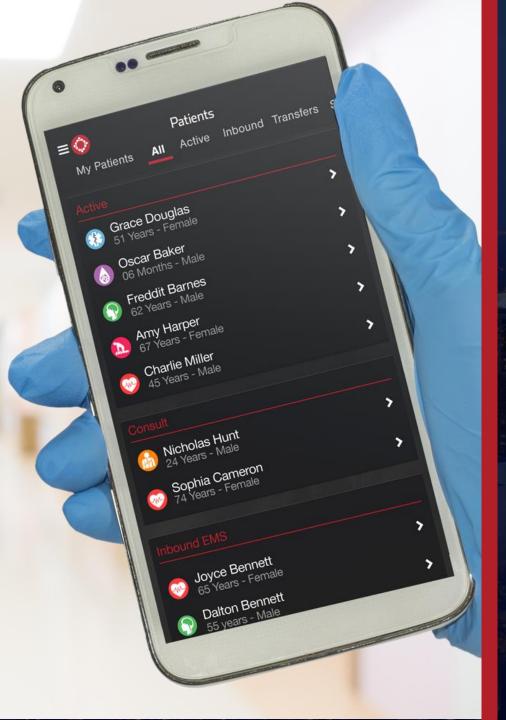
40% Average Improvement in Door to Triage Time

50% Average Reduction in Door to Balloon Time

28 Minute Decrease in Average Door to Balloon Time



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All Team Communications ON ONE PLATFORM

Any Patient, Any Time, from Anywhere



General Patient

- PE Response
- Surgical Call
- OB Delivery
- Transplant
- Emergent Pacemaker

•



How Can Cases Be Started?

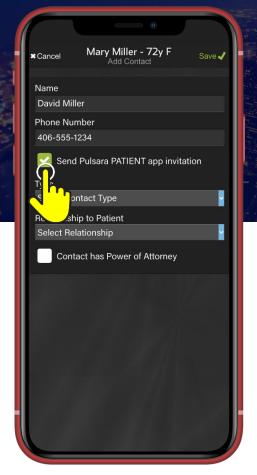
For Any Patient, at Any Time, from Anywhere

- Prehospital Provider EMS
- Inbound EMS
- Walk-in ED Patient
- Inpatient
- Spoke to Hub Transfer
- Virtual

See Who is On Call, Consult with Specialist, Activate Team(s)

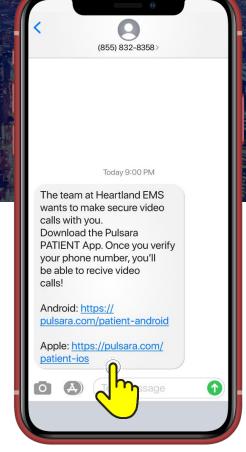


Step 1 Invite Contact



Once a patient channel is created, the caregiver can add someone under CONTACTS.

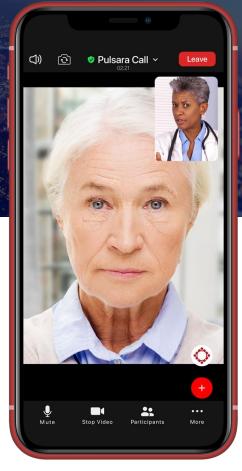
Step 2
They Install



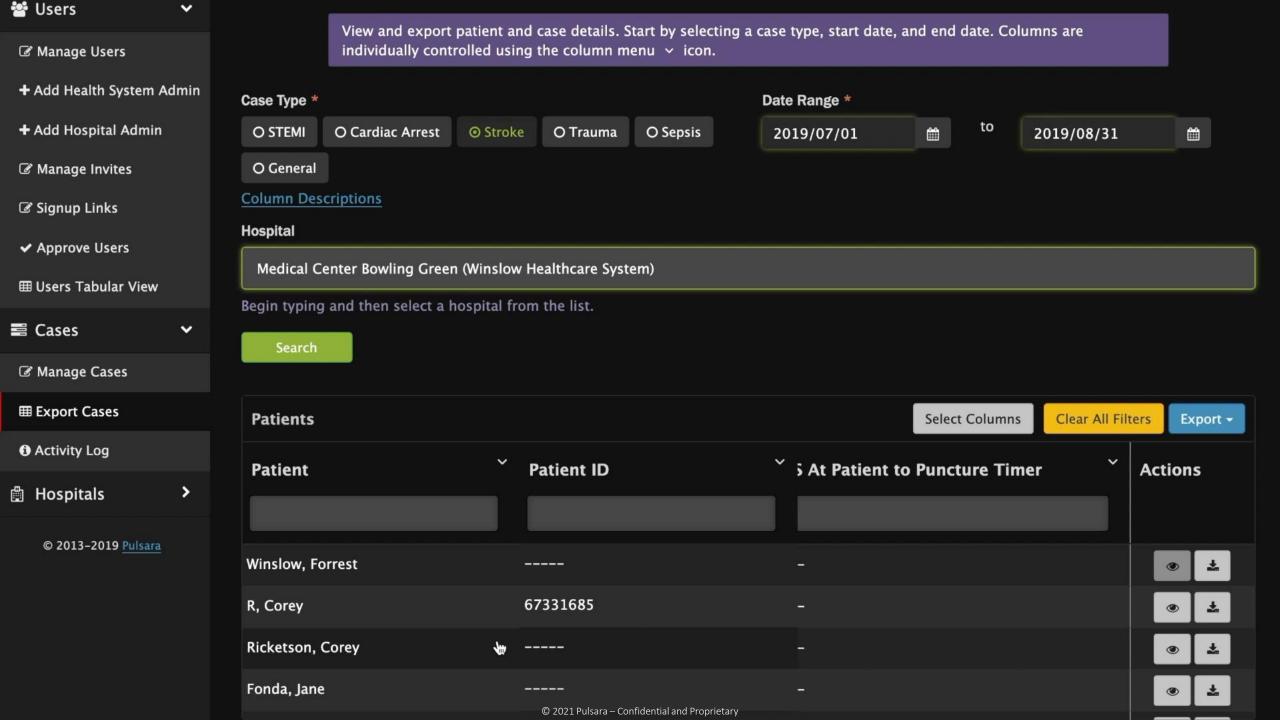
That person will receive a text with the link to download and install Pulsara Patient.

Step 3

Communicate Securely



Once installed, the caregiver will be notified. The caregiver can then initiate a secure audio or video call.



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	7	20		45		30			10	20	40			50	65			120	165			23					

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How to Build Care Team



COMMUNICATION CHANNELS: ONE



How to Build Care Team



COMMUNICATION CHANNELS: ONE



HOSPITALS

Routine Transports • ET3
Time Sensitive Emergencies •
Inter-facility



EMERGENCY MGT / REGIONAL

RMOC/SMOC • State Trauma (or Other) Center • Regional Communication Center or Care Coordination Hub

OTHER EMS

Handoff – EMS/First Responder • Regional Communication Center or Care Coordination Hub



ALT DESTINATIONS

Behavioral Health • Detox • Urgent Care • Surge Facilities (Alternate Care Sites)

TELEHEALTH / VIRTUAL

Medical Control • Treat In Place (ET3) • Specialty Consults (Stroke, Trauma...)



ET3 / CP / MIH

SURGERY CENTER

TIENT PICK-III

Hospitals • Alternative Destinations Treat in Place • Intra-agency Partner



INBOUND EMS

- Time Sensitive Emergencies
- Routine Transports
- MIH/CP/ET3

BOUND OTHER

- Urgent Care Clinic
- Free Standing ED
- Nursing Home
- Referral Facilities
 - In & Out of Network
- EOC/MOCC
- Unscheduled Patients
- Virtual Care Centers

OUTBOUND

Consult/Transfer

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PACKAGES





Pulsara **ONE**

Free

- Replace Traditional Radio Report
- Includes ECG and Live Video

Pulsara **UNITED**

Annual Subscription

Includes Everything in Pulsara ONE plus:

- MIH / CP
- Medical Control
- Supervisors
- FT3
- ePCR Integration

HOSPITAL OR HEALTHCARE FACILITY



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- Build Teams on the Fly
- Data for Reporting and Quality Assurance



Pulsara **MED OPS**

Annual Subscription

- EOC for Medical Operations (MOCC)
- MPI/MCI
- Disaster
- Pandemic
- State/Region Based Trauma or Time Sensitive Emergency Systems
- Centralized Medical Control

STATE / REGIONAL BUNDLES AVAILABLE

Collaboration Hub

RMOC / SCC
Austin C4
Command Center
Alternative 911
ET3

Pulsara Virtual Care Center (VCC)

Med Control Consults Infusion Center ET3 Pulsara Virtual
Placement Center
(VPC)

Potential Receiving Centers

Texas Emergency Medical Task Force

TX EMTF 1

MPV 1-01: UMC EMS

TX EMTF 9

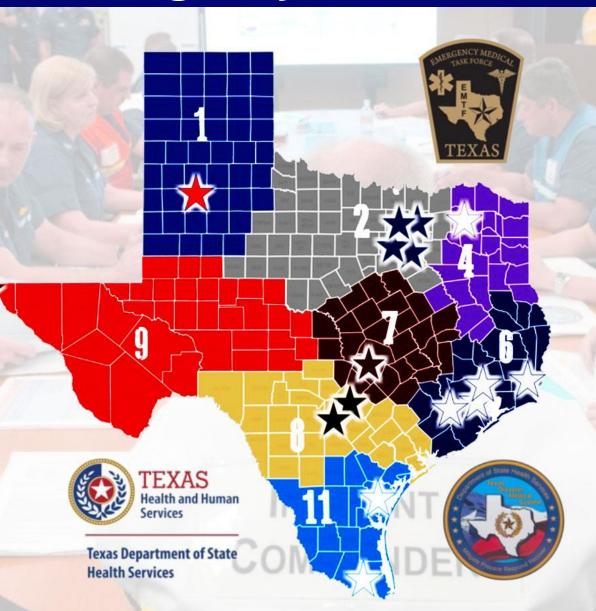
MPV 9-01: Elite Medical Transport

TX EMTF 8

MPV 8-01: Schertz EMS MPV 8-02: San Antonio FD

TX EMTF 11

MPV 11-01: Weslaco FD MPV 11-02: Corpus Christi FD



TX EMTF 2

MPV 2-01: Frisco FD

MPV 2-02: Flower Mound FD

MPV 2-03: Cedar Hill FD

MPV 2-04: Ft. Worth FD/MedStar

TX EMTF 4

MPV 4-01: Hopkins County EMS

TX EMTF 6

MPV 6-01: Atascocita FD

MPV 6-02: Houston FD

MPV 6-03: Fort Bend County EMS

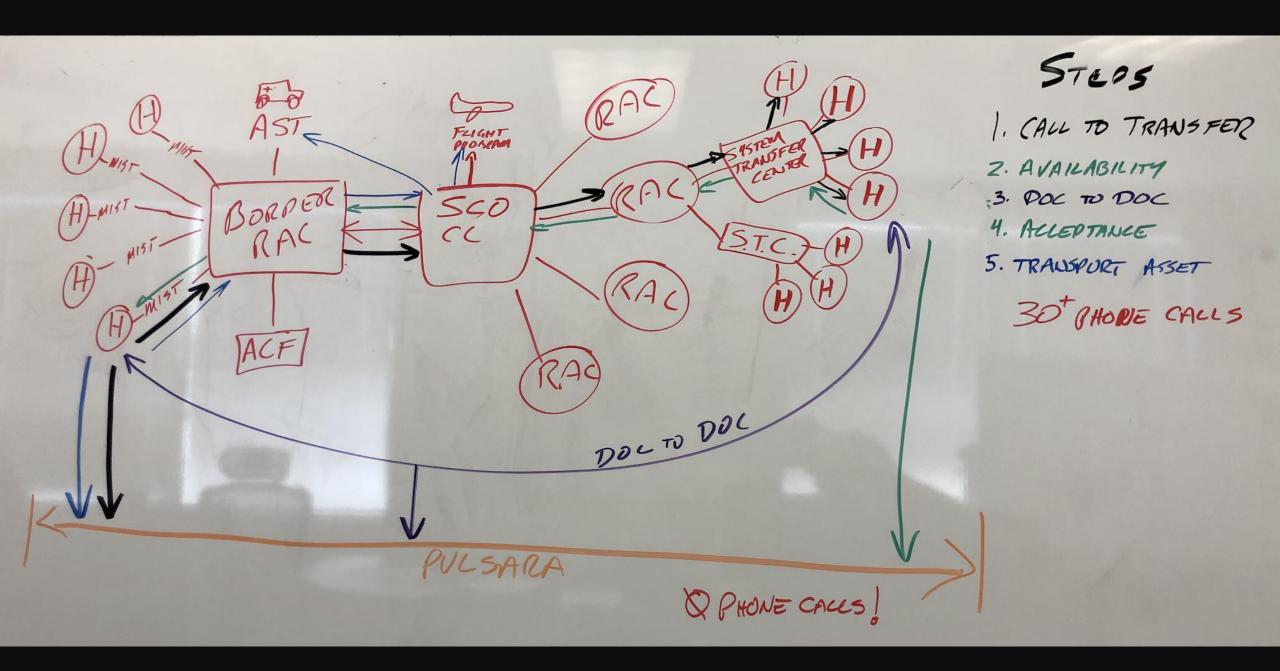
MPV 6-04: Acadian Ambulance

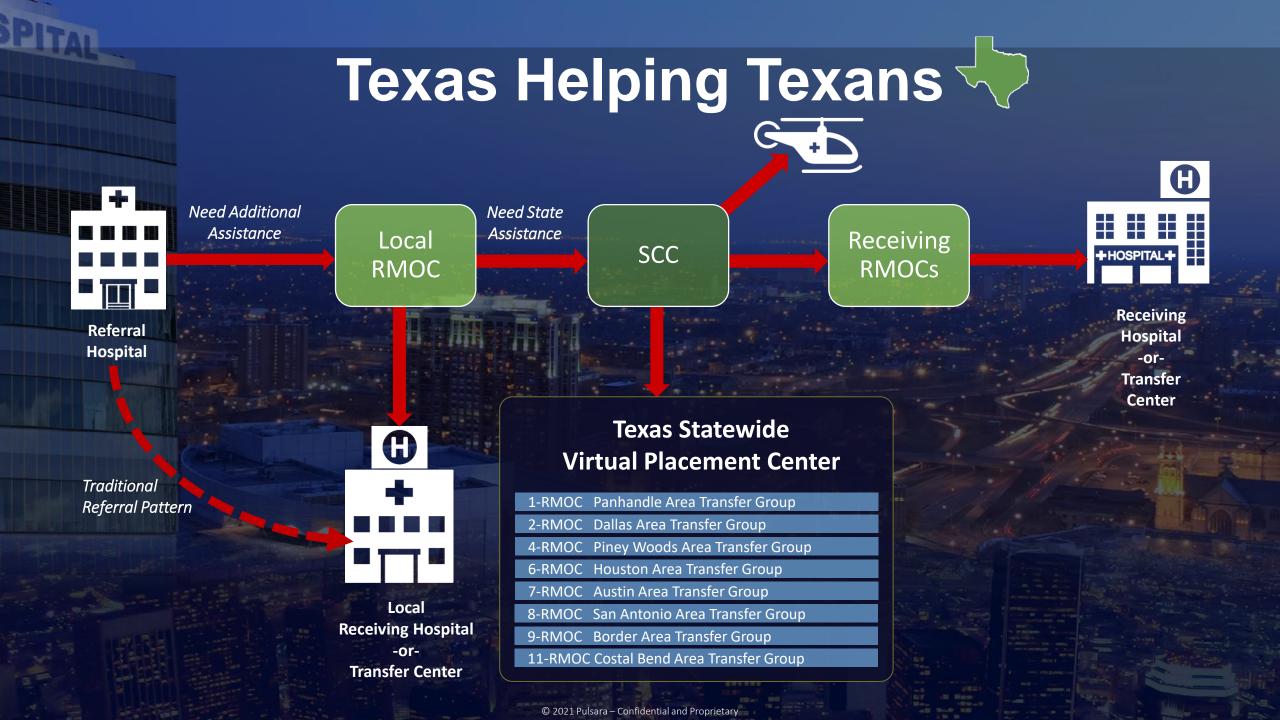
TX EMTF 7

MPV 7-01:

Austin Travis County EMS

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Arkansas Load Balancing with Virtual Placement Center (VPC)



Need Additional Assistance Arkansas Virtual Placement Center

Potential Receiving Centers
State Resource
Moderator

Optional

Receiving Hospital

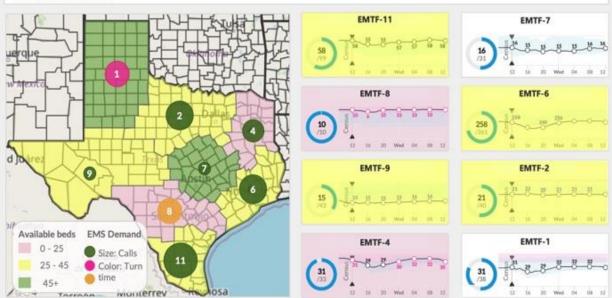
Traditional Referral Process

NOTE: TraumaComm remains responsible for coordinating all trauma patient movement within the Arkansas Trauma System

State transfer heartbeat

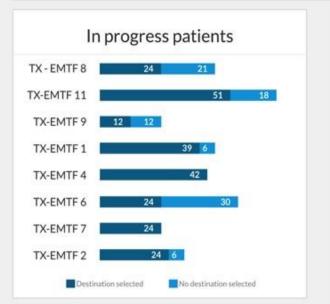
Last updated 10s ago

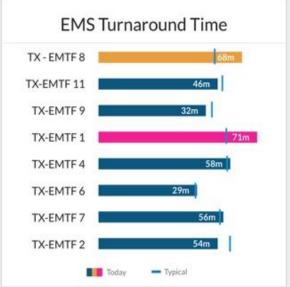




Available beds - Statewide											
Region	ICU	Med/Surg	Behavioral Health	Total	Placements today						
Overall	<u>84</u>	<u>134</u>	<u>67</u>	285	<u>35</u>						
TX - EMTF 8	8	12	2	22	6						
TX - EMTF 11	17	20	<u>6</u>	43	<u>5</u>						
TX - EMTF 9	8	13	11	32	2						
TX - EMTF 1	2	<u>16</u>	22	<u>47</u>	8						
TX - EMTF 4	3	18	1	22	1						
TX - EMTF 6	8	21	2	31	12						
TX - EMTF 7	22	21	11	<u>54</u>	1						

Demand

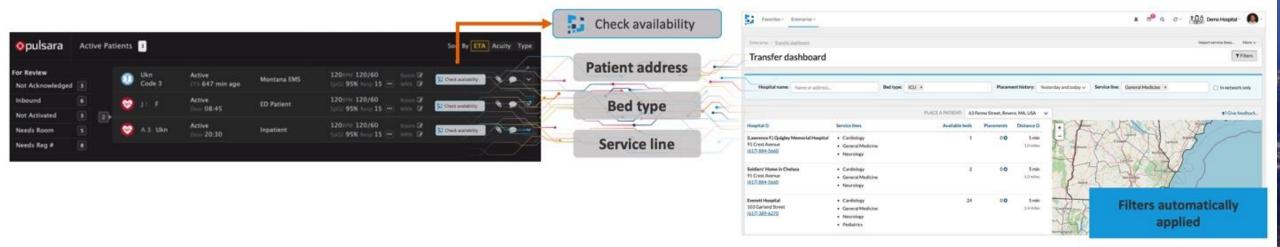




In-progress patients													
Region	General	Stroke	STEMI	Sepsis	Trauma	Cardiac arrest							
Overall	222	<u>21</u>	<u>14</u>	<u>24</u>	<u>16</u>	<u>36</u>							
TX - EMTF 8	30	2	1	<u>5</u>	1	6							
TX - EMTF 11	<u>46</u>	4	3	Z	4	<u>5</u>							
TX - EMTF 9	16	1	1	1	3	2							
TX-EMTF 1	30	2	Q	0	<u>5</u>	8							
TX - EMTF 4	28	8	1	4	Q	1							
TX - EMTF 6	<u>36</u>	1	3	2	<u>0</u>	12							
TX - EMTF 7	16	1	4	1	1	1							

Further enhancing the Agent experience





Navigate easily between applications with deep links automatically applying filters to find the best location for the patient even faster







Transforming Regional & State Leadership's Visibility

Automate alerts based on actionable thresholds





View the most important information from anywhere





Transforming Regional & State Leadership's Visibility

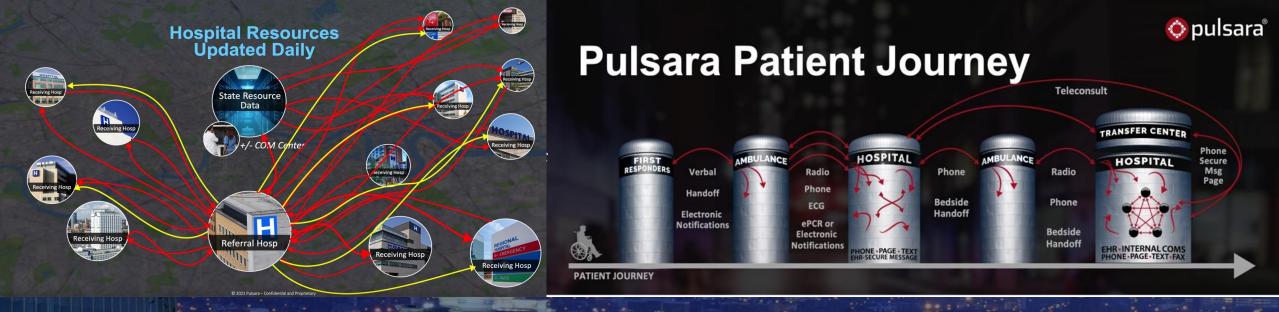
Alerts for Pulsara created incidents directly to your phone





Mobile awareness of capacity local to incident location





What is the role of the STATE?



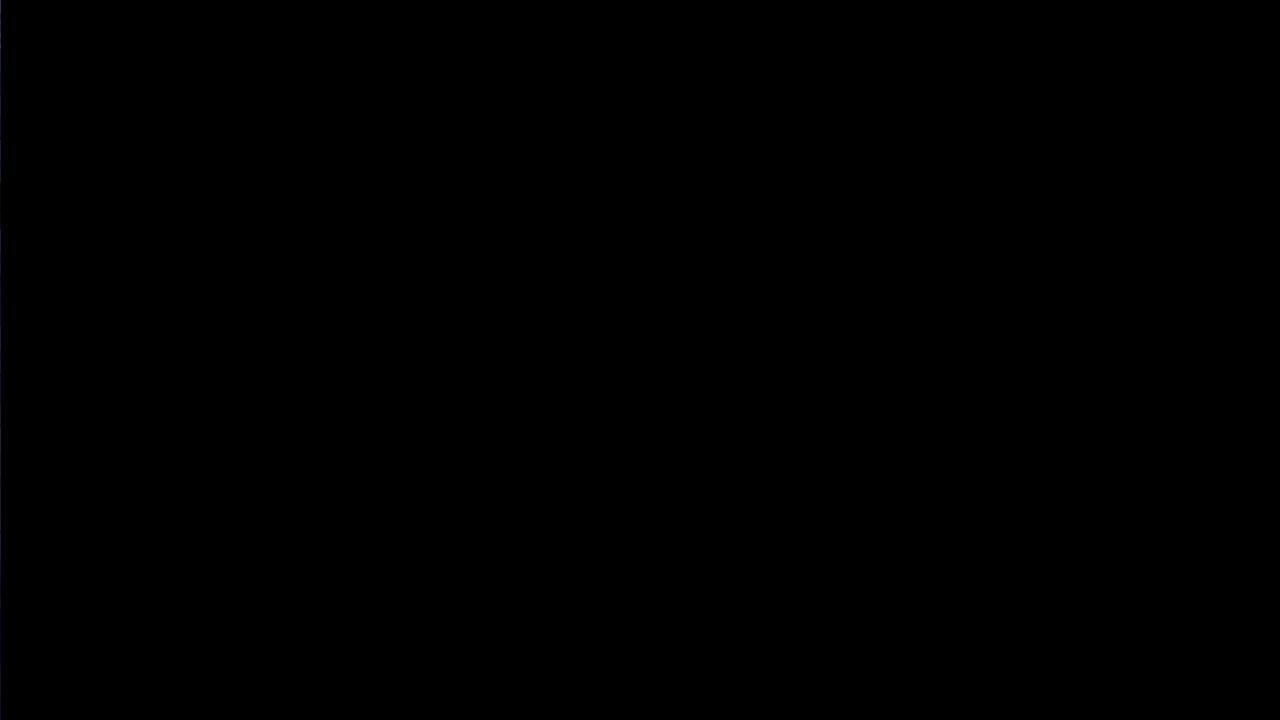
- Create Channel
- Communicate & Track



ONE UNITED CARE TEAM

PATIENT JOURNEY





Role of STATE?





Pulsara **ONE**

Free

- Replace Traditional Radio Report
- Includes ECG and Live Video

Pulsara **UNITED**

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- ET3
- ePCR Integration

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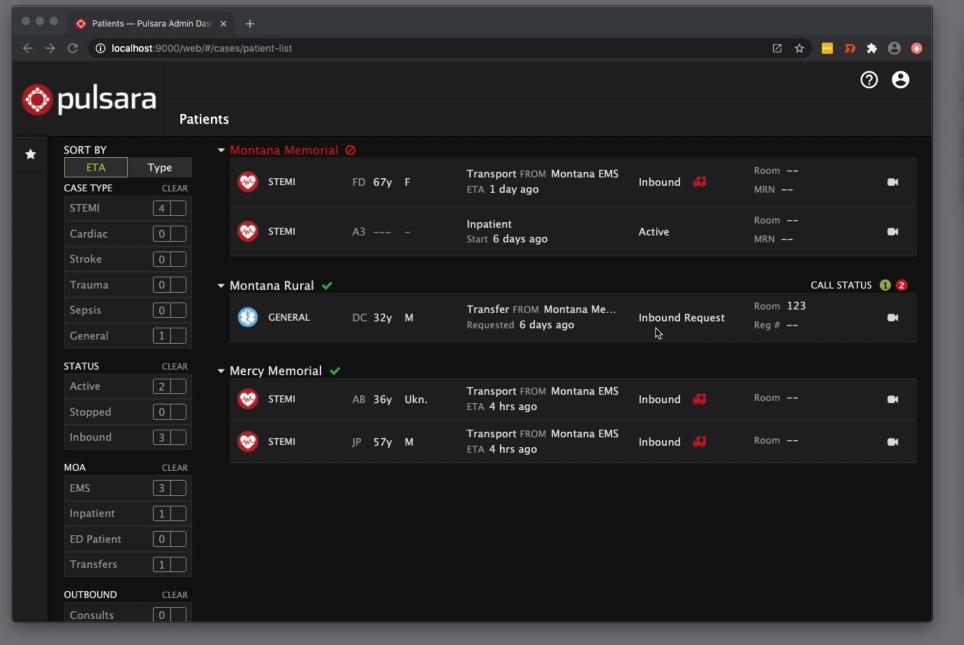


Pulsara **MED OPS**

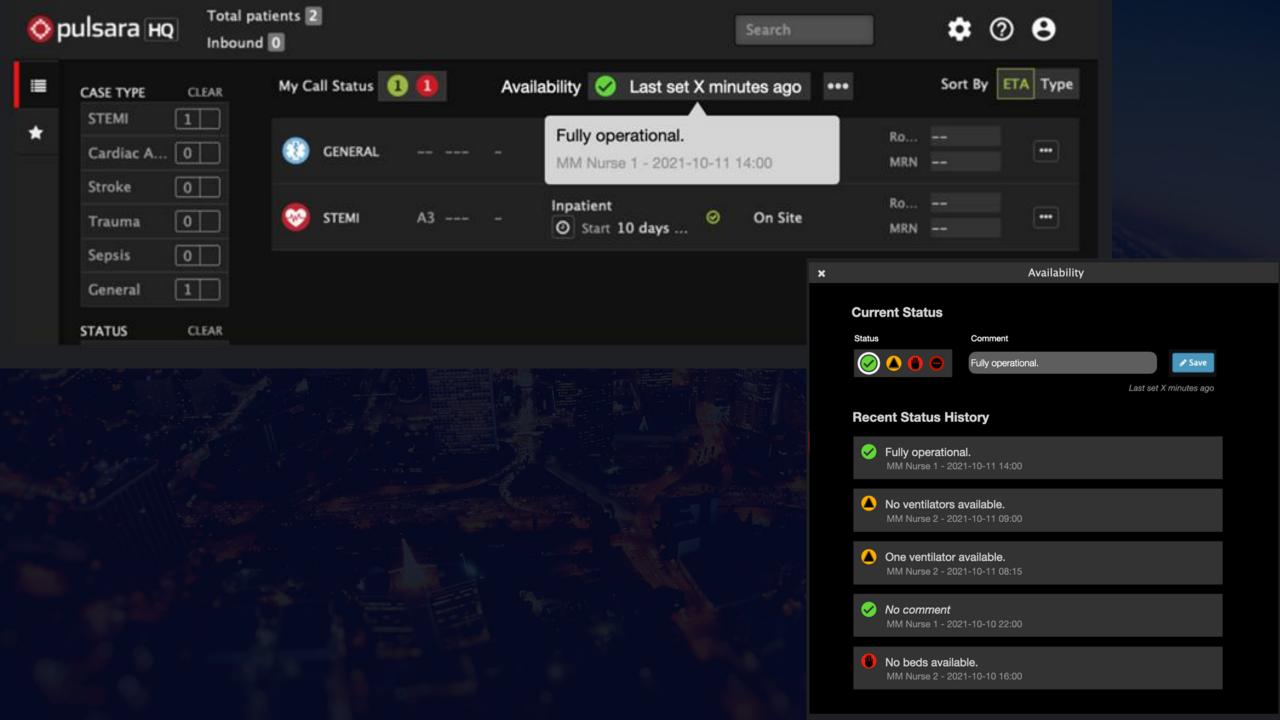
Annual Subscription

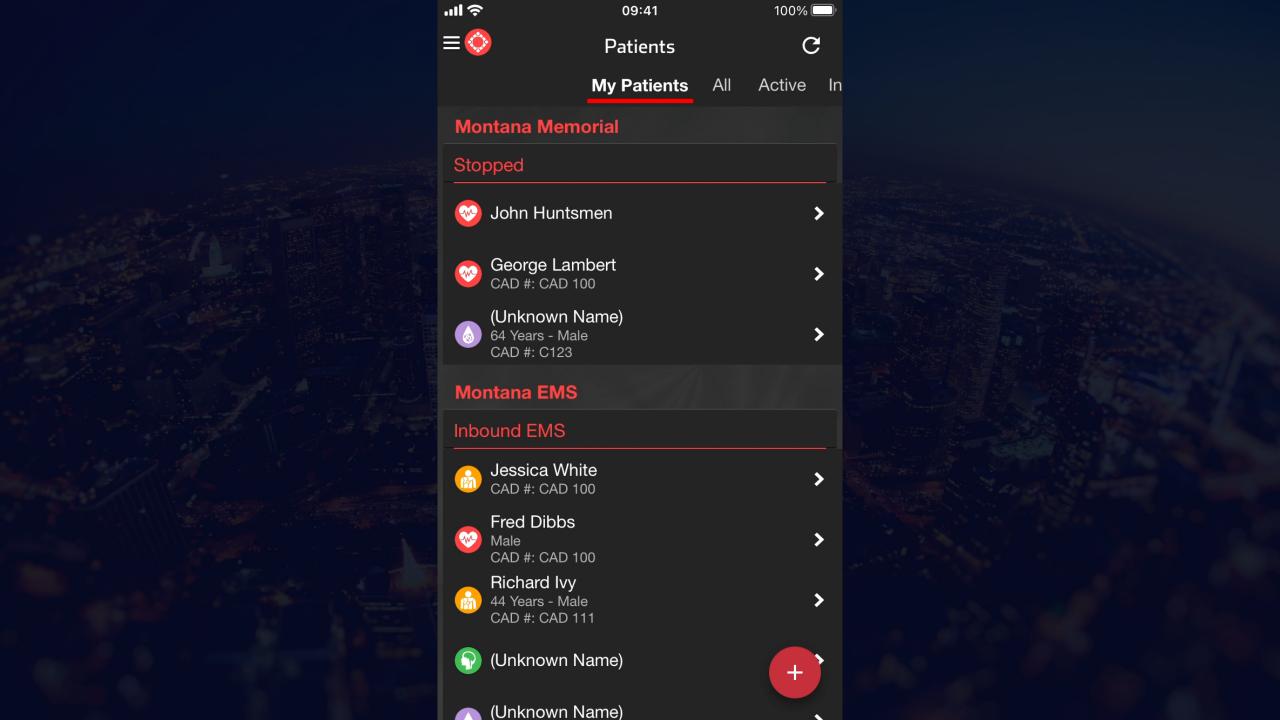
- EOC for Medical Operations (MOCC)
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- State/Region Based Trauma or Time Sensitive Emergency Systems
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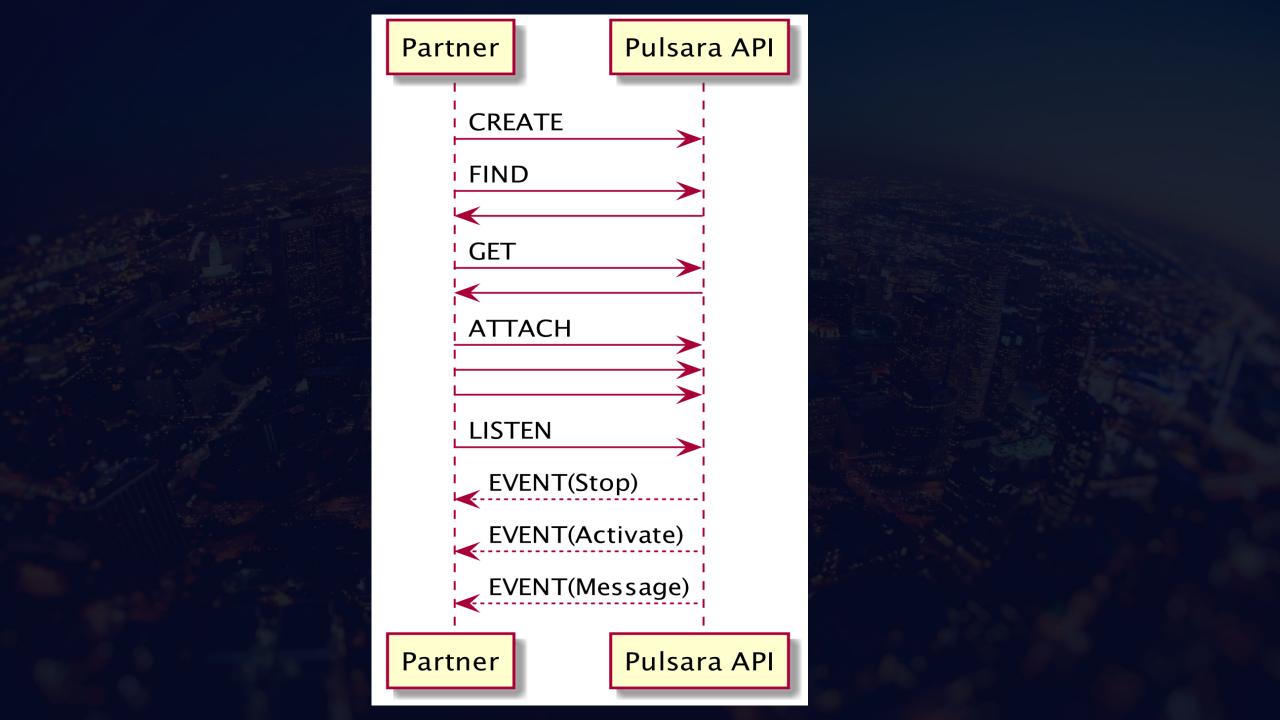
STATE / REGIONAL BUNDLES AVAILABLE









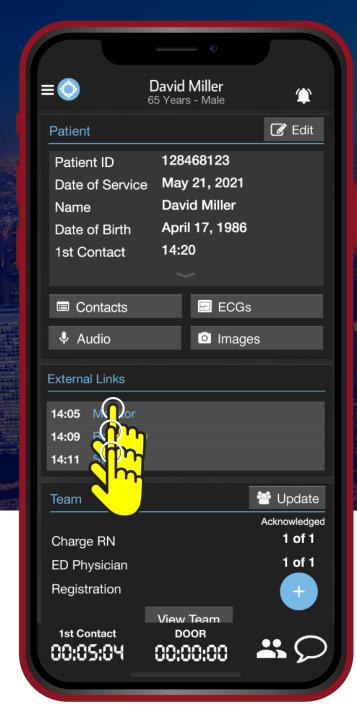


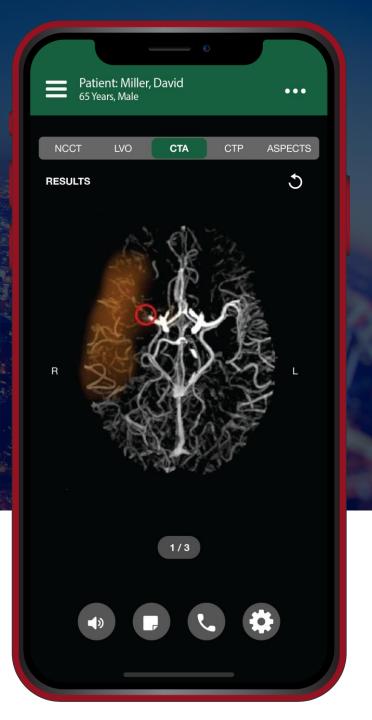


Deep Linking

Pulsara is the common tool that can be used across the entire team.

Our public API can be leveraged for a seamless experience for the patient event.







FEMA Standard Equipment List: <u>04AP-10-EMCS - System, Emergency Medical Communication</u> "Communication system for use by emergency medical personnel that aids in triage, treatment, and transport of victims by providing a framework for event-based multi-team communication with data capture and exchange."